IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Min-Su JEONG et al

Serial No.: New:

Filed: Herewith

For: PHASE LOCKED LOOP FREQUENCY

SYNTHESIZER WHERE FREQUENCY GAIN VARIATION OF VOLTAGE CONTROLLED OSCILILATOR IS

COMPENSATED

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants bring the attached references to the Examiner's attention and request that they be considered and made of record in this application. Also attached is a completed PTO-1449 form. This Information Disclosure Statement is being filed within three (3) months of the filing date of this application. Thus, *no fee is believed to be due for this Information Disclosure Statement*. However, the Commissioner is authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 50-1836. A duplicate copy of this Statement is enclosed for that purpose.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

Todd M. Guise Reg. No. 46,748

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(202)-293-0444.

Dated: 12/1/03

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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	New	
INFC	RMATION	DIS	CLOSURE	Filing Date	Herewith	
STA	TEMENT BY	/ A	PPLICANT	First Named Inventor	Min-Su JEONG et al.	
				Group Art Unit		
	(use as many shee	ets as	necessary)	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	GK-US035197	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
	Cité No.	Number	Kind Code (if known)		02/1986	
		4,568,888		KIMURA et al.		
		5,831,483		FUKUDA	11/1998	
		<i>.</i>				
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FOREIGN PATENT DOCUMENTS						
Cite No.	Foreign Patent Document			Name of Patentee or Applicant of	Date of Publication	Translation
	Office	Number	Kind Code (if known)	Cited Document	of Cited Document MM-YYYY	(Yes or No or N/A)
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	Cite No.	Cite No.	Foreign Patent Docu	Cite No. Coffice Number Kind Code	Cite No. Coffice Number Kind Code Name of Patentee or Applicant of Cited Document	Cite No. Foreign Patent Document Kind Code Name of Patentee or Applicant of Cited Document Cited Document

Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.